PTO/SB/08A/B 08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	e Paperwork Reduction Act of 1995, no persons are required to			Complet If Known		
Substitute for	r form 1449PTO			Application Number (Unkn wn		
INEC	DMATIO	N DIS	CLOSURE	Filing Date	(unknown)	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	G rdon ROULEAU	
STA	TEMENT	RAY	PPLICANI	Art Unit	-(unknown) 2109	
	(use as many s	heets as n	ecessary)	Examiner Name	(unknown) Ton	
	4	of	1	Attorney Docket Number	13693-24US CMB/AA/mb	
Sheet		1 01				

			U.S. PATEN	T DOCUMENTS	Pages, Columns, Lines Where
xaminer	Cite No.	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
7JBN		US-6,590,861	Jul. 8, 2003	Vepa et al.	
7001	1/	US-6,445,704	Sep. 3, 2002	Howes et al.	
		US-5,930,257	Jul. 27, 1999	Smith et al.	
		US-4,951,280	Aug. 21, 1990	McCool et al.	
		US-6,324,161	Nov. 27, 2001	Kirch	
$\frac{1}{2}$		US-5,835,696	Nov. 10, 1998	Hess	
₩	 	US-5,473,599	Dec. 5, 1995	Li et al.	
<u> </u>	DAIT	US-2001/0021177	Sep. 13, 2001	Ishii	
/J	₿NT/_	US-			
	 	US-			
	 	US-			
	\dagger	US-			
		US-			
	1	US-			
	1	US-			
		US-			
	1	US-	1		

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant Of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	۳			
		Country Code3 - Number4 - Kind Code5 (if known)				-			
						\vdash			
<u> </u>	├					<u> </u>			
 	 					┼			
 	<u> </u>				 	+			
	1								

•			
Examiner Signature	/Joan Naurot Ton/	Date Considered	04/26/2007
0.5			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to Complete Washington, DC 20231. DO NOT SEND FEES OR the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A/B 08-03)

Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Paperwork Reduction Act of 1995, no persons are required to r				Complete if Known		
rm 1449PTO				Application Number	(Unknown	
DRA A TIA	N DI	SCL C	SURE	Filing Date	(unknown)	
					Gord n ROULEAU	
EMENT	BY A	\PPL	ICAN I		(unknown) 2109	
ura se many s	theets as	necessa	rv)	Examiner Name	(unknown) Ton	
			13693-24US CMB/AA/mb			
,	rm 1449PTO RMATIO	RMATION DIS	RMATION DISCLO EMENT BY APPL (use as many sheets as necessa	RMATION DISCLOSURE EMENT BY APPLICANT (use as many sheets as necessary)	Application Number Filing Date First Named Inventor Art Unit Fixaminer Name Atterney Docket Number	

			U.S. PATEN	T DOCUMENTS	
xeminer nitiats*	Cite No.	Document Number Number - Kind Code ² (if Innown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JBN		US-6,590,861	Jul. 8, 2003	Vepa et al.	
/JDI	11/	US-6,445,704	Sep. 3, 2002	Howes et al.	
	}	US-5,930,257	Jul. 27, 1999	Smith et al.	
		US-4,951,280	Aug. 21, 1990	McCool et al.	
	 	US-6,324,161	Nov. 27, 2001	Kirch	
-		US-5,835,696	Nov. 10, 1998	Hess	
╌₩	<u> </u>	US-5,473,599	Dec. 5, 1995	Li et al.	
-/TB	NT/	US-2001/0021177	Sep. 13, 2001	Ishii	
/50	14 17	US-			
	+	US-			
	┼	US-			
	+	US-			
	┼	US-			
		US-			
	 	US-			
		US-			
	+	US-			
	+	US-			
	+-	US-			
		US-			

		FORE	GN PATENT DO	UMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code3 - Number4 - Kind Code5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant Of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	70
						士
						╀
			 			上
	├					┼╴
						上

Everiner		Date	04/26/2007
Examiner Signature	/Joan Naurot Ton/	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the user to suggestion for the user to suggestio

PTO/SB/08A/B 08-03)

Approved for use through 07/31/2008. OMB 05/31-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

Subulbus for f	Substitute for form 1449PTO			Complete if Known		
Opposition (0)	um 1443F10					
INCO	DILATIO	N DICO		Application Number	10/687,745	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	October 20, 2003	
STAT				First Named Inventor	Gordon ROULEAU	
				Art Unit	-2153 - 2109	
	(UBB as many sheets as necessary)		Examiner Name	TON		
Sheet	1	of	1	Attorney Docket Number	13893-24US CMB/AA/kf	

	U.S. PATENT DOCUMENTS							
Examiner initials*	Cite No '	Document Number Number - Kind Code ² (if Answe)	Publication Date Min-DO-YYYY	Name of Patenties or Applicant of Cited Document	Pages, Gefuntris, Lines Whore Relevans Peasages or Resevent Figures Appear			
\JE	M17	US- 2003/0018887 A1	01-23-2003	Fishman et al.	Peragraph (0048)			
		US- 6,618,359 B1	09-09-2003	Chen et al	Abstract			
/JB	NT/	US- 6,400,681 B1	06-04-2002	Bertin et al	Abstract			
		US-						
		US-						
		US-			:			
		US-						
		US-		-				
		US-	T		-			
		US-						
		US-	-					
		U\$-						
		US-						
		US-	 	<u> </u>				
		US-						
	-	US-	 					
		US-	 		<u> </u>			
		US-	 					
		US-	 	<u> </u>				
	\dashv	US-	 					

	FORE	IGN PATENT D	DCUMENTS		_
CR8 No.	Foreign Palent Document	Publication Date	Name of Patentee or	Progos, Columna, Licare Whore Relayers Passanes	T
NT/				6/ Referent Figures Appear	1.
	EP 1111860 A2	06-27-2001			╀
/_	EP 1009191 A2	10-15-1999	Attenton, et al	Abstract	t
KIT/		18-07-2001	Xie, et al	Abstract	
NL/	EP 0802376 A1	03-17-1999	Kirch, Tony M.	Abstract	E
_					Ŀ
		 			Ļ
		Cite Fereign Palent Document	Cite Foreign Paters Document Publication Date MM-DD-YYYY N 7 WO 01/85564 A2 12-13-2001 EP 1011880 A2 10-15-1999 EP 1117038 A2 18-07-2001	No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen No. Country Codes - Name of Patenties or Applicant Of Cited Boomen	Cite No. 1 Country Codes - Number4 - Kind Code5 (/ Ingress) Publication Date Mith-DD-YYYY Applicant Of Cided Document Plants Retrieval Plants of Applicant Of Cided Document (Ingress Passages of Applicant Of Cided Document (Ingress Of Cided Document (Ingress Of Cided Document Of Cided Document (Ingress Of Cided Document (Ingress Of Cided Document (Ingress Of Cided Document (In

Examiner Signature	/Joan Naurot Ton/	Date Considered	04/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (eptional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark hare if English language Translation is

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademant Officer, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, DOCSMTL: 18:994698ed assistance in completing the form, cell 1-800-PTO-9199 (1-800-788-9199) and satert coling 2

PAGE 318 *RCVD AT 7/20/2005 9:08:42 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2738300 * CSID:5142865474 * DURATION (mm-ss):02-22